# STIC Biotechnology Systems Branch

# RAW SEQUENCE LISTING
# ERROR REPORT

*EFS*

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10/784,537A*
Source: *EFS/6*
Date Processed by STIC: *12/28/06*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

IFW16

RAW SEQUENCE LISTING                    DATE: 12/28/2006
PATENT APPLICATION: **US/10/784,537A**        TIME: 15:54:42

Input Set : **N:\efs\12_28_06\10784537A_efs\UTSC872.txt**
Output Set: **N:\CRF4\12282006\J784537A.raw**

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 3 <110> APPLICANT: ARAP, WADIH
 4         PASQUALINI
 5         MARCHIO, SERENA
 6         LAHDENRANTA, JOHANNA
 8 <120> TITLE OF INVENTION: AMINOPEPTIDASE A (APA) TARGETING PEPTIDES
 9         FOR THE TREATMENT OF CANCER
11 <130> FILE REFERENCE: UTSC:872US
13 <140> CURRENT APPLICATION NUMBER: 10/784,537A
14 <141> CURRENT FILING DATE: 2004-02-23
16 <150> PRIOR APPLICATION NUMBER: PCT/US02/27836
17 <151> PRIOR FILING DATE: 2002-08-30
19 <150> PRIOR APPLICATION NUMBER: PCT/US01/27692
20 <151> PRIOR FILING DATE: 2001-09-07
22 <150> PRIOR APPLICATION NUMBER: 60/231,266
23 <151> PRIOR FILING DATE: 2000-09-08
25 <150> PRIOR APPLICATION NUMBER: 09/765,101
26 <151> PRIOR FILING DATE: 2001-01-17
28 <150> PRIOR APPLICATION NO: 60/231,266
29 <151> PRIOR FILING DATE: 2000-09-08
31 <160> NUMBER OF SEQ ID NOS: 14
33 <170> SOFTWARE: PatentIn Ver. 2.1
35 <210> SEQ ID NO: 1
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37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
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41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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49              20                  25                  30
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53 <211> LENGTH: 9
54 <212> TYPE: PRT
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58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
59         Peptide
61 <400> SEQUENCE: 2
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63   1               5
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W-->

*Handwritten annotations:* see pp. 4-5 ; delete — already shown above ; Does Not Comply — Corrected Diskette Needed

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69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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85 <220> FEATURE:
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97 <213> ORGANISM: Artificial Sequence
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123 <211> LENGTH: 11
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127 <220> FEATURE:
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RAW SEQUENCE LISTING                    DATE: 12/28/2006
PATENT APPLICATION:  US/10/784,537A     TIME: 15:54:42

        Input Set : **N:\efs\12_28_06\10784537A_efs\UTSC872.txt**
        Output Set: **N:\CRF4\12282006\J784537A.raw**

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156 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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159 <400> SEQUENCE: 9
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173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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176 <400> SEQUENCE: 10
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201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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215 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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228 <220> FEATURE:
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232 <400> SEQUENCE: 14
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235   1              5                10
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*These need explanation (see p. 5)*

RAW SEQUENCE LISTING ERROR SUMMARY          DATE: 12/28/2006
PATENT APPLICATION:   US/10/784,537A          TIME: 15:54:43

Input Set :  N:\efs\12_28_06\10784537A_efs\UTSC872.txt
Output Set:  N:\CRF4\12282006\J784537A.raw

*Error Explanation*

**Please Note:**
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; Xaa Pos. 2,3,4,6,7,8,10,11,12

**VERIFICATION SUMMARY**                    DATE: 12/28/2006
PATENT APPLICATION:  **US/10/784,537A**        TIME: 15:54:43

            Input Set : **N:\efs\12_28_06\10784537A_efs\UTSC872.txt**
            Output Set: **N:\CRF4\12282006\J784537A.raw**

L:28 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:234 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:14
L:234 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:14
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0